A SYSTEM AND MECHANISM TO CREATE AUTONOMIC BUSINESS PROCESS SOLUTIONS

ABSTRACT OF THE DISCLOSURE

Automomic business processes management solutions have

5   capabilities to adapt themselves to changes in the business environment. These autonomic business solutions are built by wiring together autonomic solution components called BPbots (Business Process robots). BPbots are granular solution components representing an aspect of a business process. In general, BPbots consist of two parts, an execution module and a managerial module.

10   The execution module represents the standard, non-autonomic solution component, such as a standard process flow model describing the long-running flow or business adapter describing the communication of the solution with service providers (such as applications). The managerial module is responsible for the autonomic behavior of the BPbot. The managerial

15   component has the ability to monitor the execution module, analyze the performance, plan new, more appropriate execution patterns and change the behavior of the execution module according to the new plan.

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